

Title (en)
Refrigerator with no-frost freezer

Title (de)
Kühlschrank mit nicht vereisendem Gefrierfach

Title (fr)
Réfrigérateur avec un congélateur sans givre

Publication
EP 2746701 A1 20140625 (EN)

Application
EP 12198390 A 20121220

Priority
EP 12198390 A 20121220

Abstract (en)
A refrigeration appliance comprises a freezer compartment in which air cooled by an evaporator is circulated by a fan and a thermoelectric device having a hot side in heat exchange relationship with the evaporator or with the freezer compartment and a cold side in heat exchange relationship with air within at least a portion of the freezer compartment in order to reduce temperature oscillations in the freezer compartment or in said portion thereof during evaporator defrost cycle.

IPC 8 full level
F25D 17/04 (2006.01); **F25D 21/06** (2006.01); **F25D 21/14** (2006.01); **F25D 25/02** (2006.01); **F25B 21/02** (2006.01); **F25D 21/04** (2006.01)

CPC (source: EP US)
F25B 21/02 (2013.01 - EP US); **F25D 17/042** (2013.01 - EP US); **F25D 21/06** (2013.01 - EP US); **F25D 21/14** (2013.01 - EP US); **F25D 25/028** (2013.01 - EP US); **F25B 2321/023** (2013.01 - EP US); **F25B 2321/0252** (2013.01 - EP US); **F25D 21/04** (2013.01 - EP US); **F25D 2317/04111** (2013.01 - EP US); **F25D 2317/04131** (2013.01 - EP US); **F25D 2400/34** (2013.01 - EP US)

Citation (search report)
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• [XYI] US 4764193 A 19880816 - CLAWSON LAWRENCE G [US]
• [YA] US 2005210884 A1 20050929 - TUSKIEWICZ GEORGE A [US], et al
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Cited by
CN106352650A; CN107084575A; FR3073936A1; US2018292119A1; US10935301B2; US11624542B2; EP2933589A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 12198390 A 20121220; US 201314132366 A 20131218